BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Civil Works									
Item No.01	Supply and fixing of single skin kalzip roofing systems of 65/400, 0.9mm thick Aluminium standing seam roof sheets. The sheets comprise of Profiled sheeting of Aluminium self-supported standing seam roof system manufactured from Aluminium alloy AA 3004, minimum material thickness of 0.9mm and PVDF finishing RAL 9006 on the exposed surface with ST clips and necessary accessories. Structure: (i) Supplying, cutting, bending and fabricating hot rolled plates, sag rods, brackings and connection bolts to form a column, truss with base plates and purlins. (ii) Erection of the above truss work structure at required height. (iii) Providing and applying one coat of red oxide primer and two coats of synthetic enamel paint. The scope of work includes a) Design, Engineering, Fabrication and erection of steel structure, roof sheeting and facade system. b) Supply and installation of flashing, capping, screws and all other necessary accessories.									
	Roof									
		Sqm	1	30.00	7.65		229.50			
		Sqm	1	15.50	7.65		118.58			
						Total Executed Quantity	**348.08**			
						Tender Quantity	**333.00**			
						Quantity Upto 125%	**348.08**	**15773.25**	**5490274.0**	
Item No.02	Removing and resetting footpath slab (P.no.270,I no.37.56 of P&IWTD SR 2018/19)									
	Northenside		1	70.8	1.2		84.96			
	Easternside		1	72.4	1.2		86.88			
	Westernside		1	97.1	1.2		116.52			
	Southernside		1	90.3	1.2		108.36			
						Total Executed Quantity	**396.72**	**223.36**	**88611.4**	
						Tender Quantity	**660.00**			
Item No.03	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. (P No. 143/ Item No. 19.1/PWD SR 2018-19)									
	Drain Desilt									
	Northenside	Cum	1	70.8	0.9	0.45	28.67			
	Easternside	Cum	1	72.4	0.9	0.45	29.32			
	Westernside	Cum	1	97.1	0.9	0.45	39.33			
	Southernside	Cum	1	90.3	0.9	0.45	36.57			
						Total Executed Quantity	**133.89**	**147.39**	**19734.5**	
						Tender Quantity	**133.89**			
Item No.4	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)									
	Missing Drain Cover Slab									
	Northenside	Sqm	1	**30**	1.2		36.00			
	Easternside	Sqm	1	51	1.2		61.20			
	Westernside	Sqm	1	39	1.2		46.80			
	Southernside	Sqm	1	45	1.2		54.00			
						Total Executed Quantity	**198.00**	**2453.38**	**485769.2**	
						Tender Quantity	**198.00**			
Item No.5	b)Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.(P.No.14, I.No. 4.10 of PWD SR 2018-19)									
	East Side									
	for Columns	Cum	6	0.45	0.3	1	0.81			
						Total Executed Quantity	**0.81**	**6589.55**	**5337.5**	
						Tender Quantity	**2.23**			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No.6	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(P.No.18, I.No. 4.46.2 of PWD SR 2018-19)									
	Columns	Tonne		from Steel calculation Sheet			0.13			
	SWD Drain Slab	Tonne		from Steel calculation Sheet			4.91			
						Total Executed Quantity	**5.04**			
						Tender Quantity	**0.48**			
						Quantity Upto 125%	**0.60**	**80460.12**	**48276.06921**	
						Quantity Above 125%	**4.44**	**69562.80**	**309020.929**	
Item No. 7	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square rectangular polygon in plan including cost of all materials, labour complete as per specifications.(P.No.16, I.No.4.32of PWD SR 2018-19)									
	East Side									
	for Columns	Sqm	6	1.5		1	9.00			
						Total Executed Quantity	**9.00**	**517.01**	**4653.0**	
						Tender Quantity	**23.76**			
Item No. 8	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs. Specification No. KBS 4.6.2 (P.No.16, I.No.4.29 of PWD SR 2018-19)									
	SWD Slab									
	Bottom	Sqm	1	3.7	3.9		14.43			
		Sqm	1	3.9	4.1		15.99			
		Sqm	1	52.4	3.2		167.68			
	Edges									
		Sqm	1	15.2		0.3	4.56			
		Sqm	1	16		0.3	4.80			
		Sqm	1	111.2		0.3	33.36			
						Total Executed Quantity	**240.82**			
						Tender Quantity	**10.29**			
						Quantity Upto 125%	**12.86**	**453.51**	**5833.32**	
						Quantity Above 125%	**227.96**	**432.00**	**98477.64**	
Item No.9	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. zand lift upto 1.5m. Including cost of all labour complete as per specifications allow 60% of rate considered under item KSRB 2.3 (P.No.7, I.No.2.11 of PWD SR 2018-19)									
	outside near Shops	Cum	1	31.5	2	0.33	20.79			
		Cum								
	Deduction	Cum								
	Chamber	Cum	2	-1.05	0.8	0.33	-0.55			
		Cum	1	-1	0.62	0.33	-0.20			
		Cum	1	-0.95	0.74	0.33	-0.23			
	Trees	Cum	2	-0.75	0.75	0.33	-0.37			
						Total Executed Quantity	**19.43**	**137.19**	**2665.3**	
						Tender Quantity	**49.70**			
Item No.10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No.4.6 of PWD SR 2018-19)									
	PCC									
	Swd Sides	Cum	1	53	2.4	0.3	38.16			
		Cum	1	2.5	1.2	0.3	0.90			
		Cum	1	2.5	4.4	0.3	3.30			
	Above SWD Slab	Cum	1	3.7	3.9	0.15	2.16			
		Cum	1	3.9	4.1	0.15	2.40			
		Cum	1	52.4	3.2	0.15	25.15			
	Flooring PCC inside shed	Cum	1	15.6	3.53	0.3	16.52			
		Cum	1	11.7	3.53	0.3	12.39			

	Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage			mm			m	m	m	m	kg/m	Kg's
From To											
6	**Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(P.No.18, I.No. 4.46.2 of PWD SR 2018-19)**										
Measurements taken on											
	COLUMNS										
	C	6	16	12	72	1.00	0.00	1.00	72.00	1.57834	113.64
	Rectangle Rings @ 200 c/c	6	8	6	36	1.50	0.00	1.50	54.00	0.39458	21.31
									Sub Total		**134.95**
	SLAB										
	16# @100 c/c main bars	1	16	40	40	3.70	0.00	3.70	148.00	1.57834	233.59
	12# @100 c/c main bars	1	12	38	38	3.90	0.00	3.90	148.20	0.88781	131.57
											0.00
	16# @100 c/c main bars	1	16	42	42	3.90	0.00	3.90	163.80	1.57834	258.53
	12# @100 c/c main bars	1	12	40	40	4.10	0.00	4.10	164.00	0.88781	145.60
											0.00
	16# @100 c/c main bars	1	16	32	32	52.40	0.00	52.40	1676.80	1.57834	2646.55
	12# @100 c/c main bars	1	12	525	525	3.20	0.00	3.20	1680.00	0.88781	1491.53
									Sub Total		**4907.38**
									Total Steel Quantity in Kg		**5042.33**
									Total Steel Quantity in tonne		**5.04**

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Cum	1	11.7	3.53	0.3	12.39			
		Cum	1	10.7	3.53	0.3	11.33			
	outside near Shops	Cum	1	31.5	2	0.2	12.60			
		Cum								
	Deduction	Cum								
	Chamber	Cum	2	-1.05	0.8	0.2	-0.34			
		Cum	1	-1	0.62	0.2	-0.12			
		Cum	1	-0.95	0.74	0.2	-0.14			
	Trees	Cum	2	-0.75	0.75	0.2	-0.23			
	For Kerb Stone	Cum	1	31.5	0.2	0.1	0.63			
						Total Executed Quantity	**137.11**	**6147.38**	**842877.3**	
						Tender Quantity	**299.07**			
Item No.11	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastisiser @3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.(P.No.14, I.No.4.11 of PWD SR 2018-19)									
	SWD Slab	Cum	1	3.7	3.9	0.3	4.33			
		Cum	1	3.9	4.1	0.3	4.80			
		Cum	1	52.4	3.2	0.3	50.30			
						Total Executed Quantity	**59.43**			
						Tender Quantity	**1.80**			
						Quantity Upto 125%	**2.25**	**6416.08**	**14436.2**	
						Quantity Above 125%	**57.18**	**6111.72**	**349468.1**	
Item No.12	KSRB 14.6-2 :Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No. 103, I.No. 14.7 of CSR 2018-19)									
	outside near Shops	Sqm	1	31.5	2		63.00			
	Deduction									
	Chamber	Sqm	2	-1.05	0.8		-1.68			
		Sqm	1	-1	0.62		-0.62			
		Sqm	1	-0.95	0.74		-0.70			
	Trees	Sqm	2	-0.75	0.75		-1.13			
						Total Executed Quantity	**58.87**	**1258.50**	**74090.4**	
						Tender Quantity	**75.00**			
Item No.13	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (P.No.27, I.No.5.26.1 of PWD SR 2018-19)									
	southernside									
	Wall behind side of Gallery	Sqm	1	4.1		2.61	10.70			
		Sqm	1	1.25		1.40	1.74			
	Gallery back wall (Small shed)	Sqm	1	56.78		2.55	144.79			
		Sqm	1	56.78		1.2	68.14			
		Sqm	1	56.78		1.5	85.17			
	Deduction									
	W	Sqm	-9	1.2	0.6		-6.48			
	D	Sqm	-4	0.9	1.36		-4.90			
	Roomsshed Behind Gallery	Sqm	1	15.6		1.47	22.93			
		Sqm	2	1.82		1.47	5.35			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Sqm	1	11.7		1.47	17.20			
		Sqm	2	1.82		1.47	5.35			
		Sqm	1	11.7		1.47	17.20			
		Sqm	2	1.82		1.47	5.35			
		Sqm	1	10.7		1.47	15.73			
		Sqm	2	1.82		1.47	5.35			
	Deduction	Sqm								
	Beam	Sqm	4	-0.3		1.47	-1.76			
		Sqm	3	-0.3		1.47	-1.32			
		Sqm	3	-0.3		1.47	-1.32			
		Sqm	3	-0.3		1.47	-1.32			
	Total Executed Quantity						**387.89**			
	Tender Quantity						**193.50**			
	Quantity Upto 125%						**241.88**	**1090.70**	**263813.1**	
	Quantity Above 125%						**146.02**	**1038.96**	**151706.8**	
Item No.14	KSRB 6.1: Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 3.5 Newton per sqm with cement mortar 1:8 including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 (P.No.29, I.No.6.2 of PWD SR 2018-19)									
	item Not operated									
Item No.15	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6 (P.No.75, I.No.11.44 of PWD SR 2018-19)									
	item Not operated									
Item No.16	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(P.No.115, I.No.15.9 of PWD SR 2018-19)									
	southernside									
	Wall behind side of Gallery	Sqm	2	4.1		2.61	21.40			
		Sqm	2	1.25		1.395	3.49			
	Gallery back wall (Small shed	Sqm	2	56.78		2.55	289.58			
		Sqm	2	56.78		1.2	136.27			
		Sqm	2	56.78		1.5	170.34			
	Deduction									
	W	Sqm	-18	1.2	0.6		-12.96			
	D	Sqm	-8	0.9	1.36		-9.79			
	Rooms/shed Behind Gallery	Sqm	2	15.6		1.47	45.86			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	11.7		1.47	34.40			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	11.7		1.47	34.40			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	10.7		1.47	31.46			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	2		0.9	3.60			
		Sqm	2	0.55		0.5	0.55			
	Total Executed Quantity						**791.40**			
	Tender Quantity						**746.48**			
	Quantity Upto 125%						**791.40**	**239.23**	**189327.1**	
Item No.17	KSRB 15.10.1 : Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.(P.No.117, I.No.15.38 of PWD SR 2018-19)									
	southernside									
	Wall behind side of Gallery	Sqm	2	4.1		2.61	21.40			
		Sqm	2	1.25		1.4	3.50			
	Gallery back wall (Small shed	Sqm	2	56.78		2.6	295.26			
		Sqm	2	56.78		1.2	136.27			
		Sqm	2	56.78		1.5	170.34			

BRUHAT BANGALORE MAHANAGARA PALIKE

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SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Deduction									
	W	Sqm	-18	1.2	0.6		-12.96			
	D	Sqm	-8	0.9	1.36		-9.79			
	Rooms/shed Behind Gallery	Sqm	2	15.6		1.47	45.86			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	11.7		1.47	34.40			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	11.7		1.47	34.40			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	10.7		1.47	31.46			
		Sqm	4	1.82		1.47	10.70			
						Total Executed Quantity	**792.94**			
						Tender Quantity	**507.68**			
						Quantity Upto 125%	**634.60**	**13.61**	**8636.9**	
						Quantity above125%	**158.34**	**12.96**	**2052.1**	
Item No.18	KSRB 15-15.3 : Providing and applying painting in one coat with plastic emulsion paint of approved brand and manufacture on wall surface to give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P.No.120, I.No.15.52.1 of PWD SR 2018-19)									
	item not operated									
Item No.19	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No. KBS 13.22 (P.No.96, I.No.13.78 of PWD SR 2018-19)									
		Nos	**2**				**2.00**			
						Total Executed Quantity	**2.00**	**7741.48**	**15483.0**	
						Tender Quantity	**2.00**			
Item No.20	KSRB 7.9: Providing and fixing M.S Grill work for windows and ventilators using M.S flats or M.S fsquare rods or combination of M.S flat and square rods as per approved deisgn, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materail, fixtures, labour and HOM of machinery complete as per specification. Specification No:KBS 7.12 (P.No:34 Items No:7.9 of PWD SR 2018-19)									
	Gallery back wall (Small shed)									
	Window	Kg	9			15.12	136.08			
				21kg per sqm 1.2*0.6*21=15.12						
						Total Executed Quantity	**136.08**	**107.71**	**14657.2**	
						Tender Quantity	**5212.20**			
Item No.21	Providing and fixing M.S.Grill over existing compound wall as per Chief Architect drawing No. 12686, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification. (P.No.44, I.No.7.36 of PWD SR 2018-19)									
	Easternside	Sqm	1	45.44		0.6	27.26			
		Sqm	1	1.5		0.6	0.90			
		Sqm	1	25		0.6	15.00			
		Sqm								
		Sqm	1	3.6		0.4	1.44			
		Sqm	1	2.3		0.4	0.92			
	Northenside									
		Sqm	1	3.5		0.6	2.10			
		Sqm	1	1.5		0.6	0.90			
	Westernside									
		Sqm	1	44.4		0.6	26.64			
		Sqm	1	56.7		0.6	34.02			
		Sqm	1	54.7		0.9	49.23			
		Sqm	1	44.3		0.6	26.58			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Southerside	Sqm								
		Sqm	1	56.7		0.6	34.02			
		Sqm	1	10.8		0.95	10.26			
		Sqm	1	1.3		0.9	1.17			
		Sqm	1	46.1		0.93	42.87			
						Total Executed Quantity	**273.32**			
						Tender Quantity	**150.00**			
						Quantity Upto 125%	**187.50**	**6087.29**	**1141366.9**	
						Quantity Above 125%	**85.82**	**5798.52**	**497611.6**	
Item No.22	KSRB 9.4-4 : Providing WHITE Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33. (P.No.53, I.No.9.13 of PWD SR 2018-19)									
	Item not operated									
Item No.23	KSRB 9-7.3 :Providing and fixing in position fully panelled Mathi/ Nandi wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 (P.No.54, I.No.9.22 of PWD SR 2018-19)									
	Item not operated									
Item No. 24	KSRB 15-17.3 : Applying priming coat over new wood surface and / or wood based surface after brushing with aluminium paint primer, water resistant including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.(P.No.121, I.No.15.57 of PWD SR 2018-19)									
	Item not operated									
Item No.25	KSRB 15-17.19: Providing and applying painting one coat (excluding priming coat) on previously painted wood surface and / or wood based surface with black japan paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, including cost of materials, labour, complete as per specifications.(P.No.123, I.No.15.71 of PWD SR 2018-19)									
	Item not operated									
Item No.26	KSRB 15-17.20: Applying additional one coat (excluding priming coat) on previously painted wood surface and / or wood based surface with black japan paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, including cost of materials, labour, complete as per specifications.(P.No.123, I.No.15.72 of PWD SR 2018-19)									
	Item not operated									
Item No.27	Providing and fixing in position in cement concrete 1:3:6 Steel glazed windows and Ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, *weighing 1.419kg/m both for outer and inner frames and central* mullion section of size 25x46x3 mm, weighing 2.28kg/m all duly providing T section 19x19x3 mm weighing 0.839kg/m for glazing of windows, not more than 34 cms, C to C including providing and fixing 4mm, thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S. 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenoneed and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM of machinery complete as per specifications.(P.No.34, I.No.7.8 of PWD SR 2018-19)									
	Item not operated									
Item No. 28	Providing and fixing 12.5mm to 25 mm expanded metal work of 14 gauge with Mathi or Nandi wood patties of 50 mm x 12 mm size, including two coats approved paint etc., complete. (Including cost of screws). with weld mesh 75 mm X 25 mm 6G X 10G.(P.No.270, I.No.37.55 of PWD SR 2018-19)									
	Easternside	Sqm	2	1.6		1.4	4.48			
	Westernside	Sqm	1	54.7		0.9	49.23			
		Sqm								
	Southerside	Sqm								
	Behind VIP Gallery	Sqm	9	1.2		0.6	6.48			
		Sqm	4	0.9		1.4	5.04			
		Sqm								
						Total Executed Quantity	**65.23**	**1681.40**	**109677.7**	
						Tender Quantity	**386.40**			
Item No.29	Providing and fixing 4mm thick glass panes to steel windows including T.W. beading of 10 mm thick and 2 coats of approved paints (P.No.267, I.No.37.16 of PWD SR 2018-19)									
	Easternside									
	W3	Sqm	1	0.9		1.2	1.08			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	W	Sqm	8	1.49		1.5	17.88			
	W	Sqm	2	1.5		1.33	3.99			
	W	Sqm	2	1.5		1.96	5.88			
						Total Executed Quantity	**28.83**	**897.96**	**25888.19**	
						Tender Quantity	**56.40**			
Item No.30	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications..(P.No.123, I.No.15.73 of PWD SR 2018-19)									
	on new Grill									
	Easternside	Sqm	1	45.44		0.6	27.26			
		Sqm	1	1.5		0.6	0.90			
		Sqm	1	25		0.6	15.00			
		Sqm								
		Sqm	1	3.6		0.4	1.44			
		Sqm	1	2.3		0.4	0.92			
	New Gate	Sqm	1	1.74		2.5	4.35			
	Northenside									
		Sqm	1	3.5		0.6	2.10			
		Sqm	1	1.5		0.6	0.90			
	Westernside									
		Sqm	1	44.4		0.6	26.64			
	Gate	Sqm	1	1.01		1.7	1.72			
		Sqm	1	56.7		0.6	34.02			
		Sqm	1	54.7		0.9	49.23			
		Sqm	1	44.3		0.6	26.58			
	Southerside	Sqm								
		Sqm	1	56.7		0.6	34.02			
		Sqm	1	10.8		0.95	10.26			
		Sqm	1	1.3		0.9	1.17			
		Sqm	1	46.1		0.93	42.87			
	Behind VIP Gallery									
		Sqm	4	0.9		1.4	5.04			
	on old Grill									
	North Side	Sqm	1	77.2		0.6	46.32			
	Easternside									
	Railings	Sqm	1	20.85		0.97	20.22			
		Sqm	1	27.4		0.97	26.58			
		Sqm	1	10.98		0.97	10.65			
	Gallery Staircase Railings	Sqm	1	5.39		0.95	5.12			
		Sqm	1	4.51		1	4.51			
		Sqm	1	5.24		0.95	4.98			
		Sqm	1	5.39		0.95	5.12			
		Sqm	1	4.51		1	4.51			
		Sqm	1	5.24		0.95	4.98			
		Sqm	1	8.6		0.96	8.26			
		Sqm	1	2.55		0.43	1.10			
		Sqm	1	7.1		0.43	3.05			
		Sqm	1	2.5		0.43	1.08			
		Sqm	1	15.3		0.94	14.38			
		Sqm	1	5.8		0.63	3.65			
		Sqm	1	6.86		0.63	4.32			
		Sqm	1	1.2		0.63	0.76			
		Sqm	1	1.1		0.63	0.69			
		Sqm	1	6.85		0.63	4.32			
		Sqm	1	5.87		0.63	3.70			
		Sqm	1	5.88		0.97	5.70			
		Sqm	1	2.74		0.97	2.66			
		Sqm	1	8.7		0.97	8.44			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Entrance Gate	Sqm	2	1.98		3.52	13.94			
		Sqm	2	1.17		2.84	6.65			
	Westernside									
	Railings	Sqm	1	0.74		0.97	0.72			
		Sqm	1	4.3		1.33	5.72			
		Sqm	1	3.5		1.21	4.24			
		Sqm	1	0.7		0.97	0.68			
	Gate paimting	Sqm	2	1.04		2.64	5.49			
		Sqm	2	2.01		3.12	12.54			
	Southerside									
	Gate paimting	Sqm	2	0.72		1.93	2.77			
		Sqm	2	0.64		3.84	4.92			
		Sqm	2	2.22		3.34	14.81			
	Railings	Sqm	1	4.3		0.60	2.58			
	Gallery side Paint	Sqm	1	0.84		1.10	0.92			
		Sqm	1	3.9		1.10	4.29			
	Grill painting	Sqm	1	3.03		0.39	1.18			
		Sqm	1	1.95		0.4	0.78			
	Gallery back wall (Small shed)									
	Window	Sqm	9	1.2		0.6	6.48			
						Total Executed Quantity	**568.21**			
						Tender Quantity	**12.00**			
						Quantity Upto 125%	**15.00**	**46.49**	**697.35**	
						Quantity Above 125%	**553.21**	**44.28**	**24496.36**	
Item No.31	Providing and laying plat form using prepolished, water cut / gang saw 40mm thick telephonic Black Granite. laid on existing vertical supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing. (P.No. 110, I.No. 14.52 of PWD SR 2018-19)									
	Southside Granite	Sqm	2	1.5		4	12.00			
		Sqm	2	2		0.9	3.60			
		Sqm	2	0.55	0.4		0.44			
		Sqm	2	3.1		1.4	8.68			
		Sqm	2	2.2		1.3	5.72			
		Sqm	2	0.55	0.55		0.61			
	Westernside	Sqm	2	1.63		1.45	4.73			
		Sqm	2	2.2		1.5	6.60			
		Sqm	2	0.55	0.55		0.61			
						Total Executed Quantity	**42.98**	**3996.59**	**171761.4**	
						Tender Quantity	**67.00**			
								Sub total Amount With GST	**10456700.7**	
Item No.32	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (P.No. 266, I.No. 37.2 of PWD SR 2018-19)									
	item not operated									
Item No.33	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P.No. 266, I.No. 37.3 of PWD SR 2018-19)									
	Item not operated									
Item No.34	**Providing & Fixing Name board (Lump Sum)**									
	item not operated									
Item No.35	**Providing Dust Bins (MR)**									
	item not operated									
	Electrical Works									

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
Item No.36	LED Street light/Flood Light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools.LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI 75+. housing with supplier word mark / name shall be engraved / Embossing on the die cast housing / body part. . Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacturer. Suitable for A1/A2 Roads as per IS 1944 Part I & Part II.150 Watts SR No:27/4.36.3									
	South Side Two Wheeler Parking	No	8				8.00			
	Main VIP Entrance	No	4				4.00			
	East side Entrance	No	2				2.00			
	West side Entrance	No	2				2.00			
	Netaje Park	No	4				4.00			
						Total Executed Quantity	**20.00**	**45141.40**	**902828.0**	
						Tender Quantity	**20.00**			
Item No.37	LED Street light/Flood Light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools.LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI 75+. housing with supplier word mark / name shall be engraved / Embossing on the die cast housing / body part. . Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacturer. Suitable for A1/A2 Roads as per IS 1944 Part I & Part II.320 Watts SR No:27/4.36.4									
	From Pavilion side towards ground	No	10				10			
	From Eastren side towards ground	No	21				21			
	From Westren side towards ground	No	30				30			
	From North side towards ground	No	11				11			
						Total Executed Quantity	**72.00**			
						Tender Quantity	**70.00**			
						Quantity Upto 125%	**72.00**	**56689.20**	**4081622.4**	
Item No.38	Supplying of LED Floodlight/High Baylight with .....W System Power consumption pressure die cast aluminum housing with powder coating with IP 65 protection. 1, 200-275V voltage with electronic Driver, PF>0.9, should meet ANSI 2G Vibration test, Compliance to UL/CE with Class I. System rating shall be 50K hrs. @ Lumen maintenance of 70%, system efficacy > 80lm/w. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer.LED Floodlight 150W SR No:28/4.37.4									
	Pavilion	No	8				8			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Eastren side Gallere	No	8				8			
	Westren sideGallere	No	13				13			
	North side Gallere	No	9				9			
	From South Gallere	No	7				7			
						Total Executed Quantity	**45.00**			
						Tender Quantity	**40.00**			
						Quantity Upto 125%	**45.00**	**24751.13**	**1113801.1**	
Item No.39	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition LED modular down light 2'x2'-36 watts SR No:26/4.33.2									
	VIP Entrance fortico	No	**2**				2			
	Vip Hall	No	**2**				2			
						Total Executed Quantity	**4.00**	**8652.45**	**34609.8**	
						Tender Quantity	**4.00**			
Item No.40	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition LED modular down light 2'x2'-55 watts SR No:26/4.33.3									
	Vip Hall	No	**2.00**				2.00			
						Total Executed Quantity	**2.00**	**9839.78**	**19679.6**	
						Tender Quantity	**2.00**			
Item No.41	Fabricating, supplying and erecting swaged tubular pole of height …Mtr having three sections, and providing two coats of red oxide paint and finished with two coats of enameled paint of approved quality and colour and M.S. base plate of suitable size welded at the bottom of the pole(as per IS) and 40mm dia GI / flexible PVC pipe of 1 mtr length fitted to the heavy gauge polycarbonate control box including 5way connector of size 167x125x82mm for 7.5M pole/200x160x98mm for remaining length of pole with front opening cover, with locking arrangements and suitable capacity MCB / DP switch, The pole shall be erected in cement concrete work (1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be up to 0.6M above ground level as per IS 2713 - 7. Erection of heavy duty pole on Footpath / median 10Mt (5Mt Hb,165.1mm dia 4.85mm thick x3M Hm, 139.7mm dia 4.50mm thick x 2M Ht,114.3mm dia 3.65mm thick) as per IS 410 SP 47 SR No:34/5.13.1.2									
	item not operated									
Item No.42	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat … with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm SR No:49/6.39.1									
		No	**198.00**				**198.00**			
						Total Executed Quantity	**198.00**			
						Tender Quantity	**150.00**			
						Quantity Upto 125%	**188.00**	**276.10**	**51906.3**	
						Quantity Above 125%	**10.00**	**276.10**	**2761.0**	
Item No.43	Fabricating supplying and mounting MS box made out … SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.16SWG SR No:49/6.40.2									
	item not operated									
Item No.44	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE100Amps 25kA.SR No:46/6.13.B.6									
	Main Panel Board	No	**5.00**				5.00			
						Total Executed Quantity	**5.00**			
						Tender Quantity	**2.00**			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

SL NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
						Quantity Upto 125%	**3.00**	**6098.29**	**18294.9**	
						Quantity Above 125%	**2.00**	**6098.29**	**12196.6**	
Item No.45	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.5-32Amps SP SR No:47/6.16.1									
	Panel Room	No	**20.00**				**20.00**			
						Total Executed Quantity	**20.00**	**438.82**	**8776.3**	
						Tender Quantity	**20.00**			
Item No.46	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 16 sqmm SR No:55/7.4.5									
	Electrical Panel to Junction box near West side Entrance	Mtrs	2	139			278			
	Electrical Panel to Junction box near south small Gate	Mtrs	2	38			76			
	Above the securty room Junction box to Estren side Junction box	Mtrs	2	87			174			
	North east corner Junction box to Near West side entrance J Box	Mtrs	2	155			310			
	Electrical Panel to Junction box near south side wicket gate to South West Corner	Mtrs	2	129			258			
		Mtrs								
						Total Executed Quantity	**1096.00**	**173.74**	**190421.1**	
						Tender Quantity	**1100.00**			
Item No.47	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 3.5 core 35 sqmm SR No:55/7.4.6									
	Electrical Panel to East west corner	Mtrs	145				145.00			
	Electrical Panel to Near securty room	Mtrs	100				100.00			
						Total Executed Quantity	**245.00**	**214.16**	**52469.0**	
						Tender Quantity	**250.00**			
Item No.48	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6 sqmm to 16 sqmm SR No:61/7.8.1									
		Mtrs		1096			**1096.00**			
						Total Executed Quantity	**1096.00**	**11.34**	**12426.3**	
						Tender Quantity	**1100.00**			
Item No.49	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 25 sqmm to 75 sqmm SR No:61/7.8.2									
		Mtrs		*245*			*245.00*			
						Total Executed Quantity	**245.00**	**17.01**	**4166.7**	
						Tender Quantity	**250.00**			
Item No.50	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary) SR No:61/7.9.1									
		Mtrs		198			198.00			
						Total Executed Quantity	**198.00**	**81.88**	**16213.1**	
						Tender Quantity	**200.00**			
Item No.51	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. 1)1 sqmm.SR No:8/2.6.1									
	item not operated									
Item No.52	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. 1.5 sqmm SR No:8/2.6.2									
		Mtrs		597			597.00			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
						Total Executed Quantity	**597.00**	**16.69**	**9965.0**	
						Tender Quantity	**600.00**			
Item No.53	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. 2.5 sqmm SR No:8/2.6.3									
		Mtrs		300.00			300.00			
						Total Executed Quantity	**300.00**	**26.14**	**7842.0**	
						Tender Quantity	**300.00**			
Item No.54	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B..4 sqmm SR No:8/2.6.4									
		Mtrs		1094.00			1094.00			
						Total Executed Quantity	**1094.00**			
						Tender Quantity	**200.00**			
						Quantity Upto 125%	**250.00**	**38.11**	**9526.9**	
						Quantity Above 125%	**844.00**	**38.11**	**32162.9**	
Item No.55	Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.19/20mm dia 2mm thick SR No:2/1.1.1									
		Mtrs		298			298.00			
						Total Executed Quantity	**298.00**	**56.69**	**16893.4**	
						Tender Quantity	**300.00**			
Item No.56	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm SR No:62/7.1									
	item not operated									
Item No.57	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm SR No:58/6.41.1									
		Mtrs	**30.00**				**30.00**			
						Total Executed Quantity	**30.00**	**2286.46**	**68593.9**	
						Tender Quantity	**75.00**			
Item No.58	Providing and Supplying Submersible single Phase 2.0 HP /1.5 KW 30 Stage Capacity Company for ATALANTA / SUGUNA / CRI / KIRLOSKAR / OTHER EQUIVALENT PUMPS.(KPWD SR 2018-19, P.No:XLIII, Sl.No.:17)									
	item not operated									
Item No.59	Electrification & Automatic On/Off Sensor system									
	item not operated									
							Sub total Amount Without GST		**6667156.3**	
	Civil Works									
E1	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)									
		m	1	31.5			31.50			
	Total length						**31.50**			
	No of Kerb Stones	**Nos**			**Total Length/0.45**		**70.00**			
	Total	**Nos**					**70**			
						Total Executed Quantity	**70.00**	**440.64**	**30844.8**	
E2	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (Page No.180. Iitem no.24.1 of KPWD S.R Bangalore Circle 2018-2019)									
	Kerb Painting	Sqm	1	31.5		0.4	12.60			
						Total Executed Quantity	**12.60**	**86.40**	**1088.6**	
E3	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon Glazed primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.									
	southernside									

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Wall behind side of Gallery	Sqm	2	4.1		2.61	21.40			
		Sqm	2	1.25		1.4	3.50			
	Gallery back wall (Small shed)	Sqm	2	56.78		2.6	295.26			
		Sqm	2	56.78		1.2	136.27			
		Sqm	2	56.78		1.5	170.34			
	Deduction									
	W	Sqm	-18	1.2	0.6		-12.96			
	D	Sqm	-8	0.9	1.36		-9.79			
	Rooms/shed Behind Gallery	Sqm	2	15.6		1.47	45.86			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	11.7		1.47	34.40			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	11.7		1.47	34.40			
		Sqm	4	1.82		1.47	10.70			
		Sqm	2	10.7		1.47	31.46			
		Sqm	4	1.82		1.47	10.70			
	Easternside									
	Compound Wall									
	Inside painting	Sqm	1	45.44		1.31	59.53			
		Sqm	1	25		1.31	32.75			
		Sqm	1	0.75		1.31	0.98			
	Compound Top	Sqm	1	45.44	0.2		9.09			
		Sqm	1	25	0.2		5.00			
		Sqm	1	0.75	0.2		0.15			
	Compound Piller	Sqm	16	0.24		1.31	5.03			
	Gallery Side	Sqm	1	3.05		0.92	2.81			
	Columns						0.00			
	above Columns	Sqm	20	0.46		1.01	9.29			
		Sqm	20	0.3		1.01	6.06			
	Below Columns	Sqm	16	0.3		0.4	1.92			
		Sqm	32	0.08		0.4	1.02			
	Gallery front wall	Sqm	1	40.79		2.5	101.98			
		Sqm	1	24.88		12.9	320.95			
	Near gallery steps	Sqm	1	0.9		1.6	1.44			
		Sqm	1	0.9		1.12	1.01			
		Sqm	1	0.92		0.67	0.62			
		Sqm	1	0.3		0.2	0.06			
	Wall top	Sqm	1	65.67	0.2		13.13			
	Stiarcase1 bottom (Right to left)	Sqm	1	3.8		1.22	4.64			
	beam	Sqm	1	1.1		1.22	1.34			
		Sqm	1	3.67		1.22	4.48			
		Sqm	1	1.08		1.22	1.32			
		Sqm	1	3.85		1.22	4.70			
	Staircase 2 bottom (left to Right)	Sqm	1	3.28		1.23	4.03			
		Sqm	2	1.5		1.23	3.69			
		Sqm	1	1.9		1.22	2.32			
		Sqm	1	1.86		1.22	2.27			
		Sqm	4	2.29		1.24	11.36			
		Sqm	1	1.9		1.24	2.36			
		Sqm	1	1.85		1.24	2.29			
		Sqm	2	1.5		1.24	3.72			
		Sqm	1	3.2		1.24	3.97			
	Deduction						0.00			
	Toilet Door D1	Sqm	2	1.16		-2.1	-4.87			
	Office Door D2	Sqm	1	1.02		-1.92	-1.96			
	Window W1	Sqm	2	1.8		-1.2	-4.32			
	Window W2	Sqm	1	1.5		-1.2	-1.80			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
							0.00			
	Watchman Shed	Sqm	1	4.12		3.6	14.83			
		Sqm	1	1.275		0.9	1.15			
		Sqm	1	1.2		1.6	1.92			
	Chejja	Sqm	1	4.24		0.1	0.42			
		Sqm	2	3.08	0.58		3.57			
	Deduction						0.00			
	D3	Sqm	1	0.9		-2.1	-1.89			
	W3	Sqm	1	0.9		-1.2	-1.08			
							0.00			
		Sqm	1	0.59		5	2.95			
		Sqm	2	1.38		2	5.52			
	outer Wall	Sqm	1	71.6		6.3	451.08			
	Chejja	Sqm	2	29.35	0.75		44.03			
		Sqm	2	40.2	0.75		60.30			
		Sqm					0.00			
	Gallery Bottom	Sqm	1	66.19	0.9		59.57			
		Sqm	36	0.2	0.9		6.48			
	Deduction	Sqm					0.00			
	RS	Sqm	9	2.93		-2.4	-63.29			
	Ventilator	Sqm	9	2.93		-0.45	-11.87			
	Below Galeery Ventilator	Sqm	4	3.17		-0.6	-7.61			
		Sqm	2	1.22		-0.6	-1.46			
		Sqm	2	2.4		-0.45	-2.16			
	outer wall VIP Gallery	Sqm	1	3.7		1.74	6.44			
		Sqm	1	24.25		1.5	36.38			
	Column side	Sqm	17	0.2		0.86	2.92			
	Column top	Sqm	10	1.76		0.44	7.74			
	Wall Projection	Sqm	8	2.53	0.2		4.05			
	Wall inside	Sqm	1	6.15	0.72		4.43			
	Northenside									
	Compound wall	Sqm	1	4.1		0.75	3.05			
		Sqm	1	31		0.88	27.28			
		Sqm	1	31.8		1.38	43.88			
		Sqm	1	1.5		1.5	2.25			
		Sqm	1	3.67		2.85	10.46			
	Compoundwall	Sqm	1	77.2		1.24	95.73			
		Sqm	1	1.43		1.35	1.93			
		Sqm	1	2.14		1.55	3.31			
		Sqm	1	0.98		2.22	2.18			
		Sqm	1	81.75	0.2		16.35			
	Compound Piller	Sqm	38	0.2		1.24	9.42			
		Sqm	2	0.28		1.24	0.69			
		Sqm	1	0.24		1.24	0.30			
	above Columns	Sqm	2	0.44		0.83	0.73			
		Sqm	2	0.32		0.83	0.53			
		Sqm	18	0.44		0.9	7.13			
		Sqm	18	0.32		0.9	5.18			
	Below Columns	Sqm	14	0.3		0.38	1.60			
		Sqm	28	0.1		0.38	1.06			
	North West	Sqm								
	Column above	Sqm	2	0.3		1.07	0.64			
		Sqm	2	0.46		1.07	0.98			
	Below Columns	Sqm	1	0.3		0.4	0.12			
		Sqm	2	0.6		0.4	0.48			
	Westernside	Sqm								
	bus stand to gate compoundwall	Sqm	1	44.4		1.1	48.84			
		Sqm	1	44.4	0.2		8.88			
	Compound Pillar	Sqm	12	0.18		1.1	2.38			
		Sqm	1	0.61		1.1	0.67			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Columns									
	above	Sqm	8	0.45		1	3.60			
		Sqm	8	0.3		1	2.40			
		Sqm	4	0.3		1.38	1.66			
		Sqm	4	0.45		1.38	2.48			
	Below	Sqm	6	0.31		0.4	0.74			
		Sqm	12	0.12		0.4	0.58			
		Sqm	4	0.3		0.31	0.37			
		Sqm	8	0.08		0.31	0.20			
	Gallery out side	Sqm	1	5.4		1.212	6.54			
		Sqm	1	1.01		1.7	1.72			
	Gate to South	Sqm								
	Gallery out Side	Sqm	1	5.6		1.228	6.88			
	Compoundwall	Sqm	1	56.6		1.05	59.43			
		Sqm	1	56.6	0.2		11.32			
	Compound Piller	Sqm	12	0.24		1.05	3.02			
		Sqm	1	0.44		1.05	0.46			
		Sqm	1	0.24		1.05	0.25			
	Compound Painting									
	above Columns	Sqm	14	0.44		1.03	6.34			
		Sqm	14	0.3		1.03	4.33			
	Below	Sqm	5	0.34		0.4	0.68			
		Sqm	10	0.08		0.4	0.32			
		Sqm	3	0.3		0.12	0.11			
		Sqm	3	0.05		0.12	0.02			
	West to South side	Sqm								
	above	Sqm	2	0.3		1.04	0.62			
			2	0.45		1.04	0.94			
	Below	Sqm	1	0.3		0.4	0.12			
		Sqm	2	0.48		0.4	0.38			
	outside compound									
		Sqm	1	5.68		1.84	10.45			
		Sqm	1	30		1.75	52.50			
		Sqm	1	24.7		1.52	37.54			
		Sqm	1	0.55		1.3	0.72			
		Sqm	1	15.8		1.3	20.54			
		Sqm	1	28.5		1.51	42.89			
	Gallery outer wall	Sqm	1	56.8		1.35	76.68			
		Sqm	1	15.8		1.3	20.54			
		Sqm	1	28.5		1.3	37.05			
	Southerside	Sqm					0.00			
	Compoundwall inner Side	Sqm	1	21.05		1.94	40.84			
		Sqm	1	15.8		1.94	30.65			
		Sqm	12	0.8		2.5	24.00			
		Sqm	1	3.12		1.43	4.46			
		Sqm	1	0.2		0.65	0.13			
		Sqm	1	1.96		1.35	2.65			
		Sqm	1	18.4		1.73	31.83			
		Sqm	7	2.13		0.24	3.58			
		Sqm	7	-2.13		0.43	-6.41			
	Outer wall						0.00			
		Sqm	1	18.45		1.72	31.73			
	Column	Sqm	7	0.2		1.33	1.86			
		Sqm	7	13.5		0.44	41.58			
		Sqm	7	2.15		0.24	3.55			
	Top side	Sqm	1	18.45	0.23		4.24			
		Sqm	1	1.9		1.44	2.74			
		Sqm	1	3.1		1.45	4.50			
		Sqm	1	45.58		1.93	87.97			
		Sqm	*1*	*6.4*		*1.93*	*12.35*			
	Top side	Sqm	1	56.98	0.23		13.11			
		Sqm					0.00			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	VIP Gallery building	Sqm					0.00			
		Sqm	1	1.88		1.85	3.48			
		Sqm	1	7.95	4.9		38.96			
	Top side	Sqm	1	6.47	0.37		2.39			
		Sqm	1	3.24		3.9	12.62			
		Sqm	1	13.7	0.5		6.85			
		Sqm	1	15	0.5		7.50			
		Sqm	1	7.7	0.5		3.85			
		Sqm	1	1.5	0.5		0.75			
		Sqm	1	1.5	0.5		0.75			
		Sqm	1	10.95	0.5		5.48			
		Sqm	1	2.8	0.5		1.40			
		Sqm	1	0.78		3.25	2.54			
		Sqm	1	6.4	0.4		2.56			
		Sqm	1	1.45	6.4		9.28			
		Sqm	1	5		3.76	18.80			
		Sqm	1	2.1		7.4	15.54			
	Deduction	Sqm					0.00			
		Sqm	1	-1.4	1.1		-1.54			
		Sqm	1	-1.4	0.7		-0.98			
		Sqm	1	2		1.5	3.00			
	Tank	Sqm	2	1.25	0.18		0.45			
		Sqm	2	4.42		1.7	15.03			
	Bottom slab	Sqm	2	1.6	1.25		4.00			
		Sqm	2	1.8	1.88		6.77			
	Back Wall	Sqm	2	2.6		3.9	20.28			
		Sqm	2	9.75		2	39.00			
		Sqm	2	5		3.6	36.00			
		Sqm	2	5.05		2.76	27.88			
		Sqm	2	0.75	0.99		1.49			
		Sqm	2	1.95		1	3.90			
		Sqm	1	8.08		1.36	10.99			
	Backwall	Sqm	2	2.25		1.28	5.76			
		Sqm	*1*	*10*		*1.55*	*15.50*			
	From Passage Wall	Sqm	1	7.8		3.86	30.11			
	Deduction	Sqm								
	D	Sqm	1	-1.5		2.34	-3.51			
	Wall	Sqm	2	1.02		1.18	2.41			
		Sqm	2	1.02		1.77	3.61			
		Sqm	2	1.02		2.4	4.90			
		Sqm	2	0.44		3.86	3.40			
	Staircase area	Sqm					0.00			
		Sqm	2	0.75		1.35	2.03			
		Sqm	2	0.75		2.27	3.41			
		Sqm	2	1.1		2.88	6.34			
	Front wall	Sqm	2	1.1		4.4	9.68			
		Sqm	2	1.4		3.6	10.08			
		Sqm	2	0.7		0.8	1.12			
	Side Wall	Sqm	2	4.41		3.6	31.75			
		Sqm	2	2.21		0.32	1.41			
		Sqm	2	1.2		0.4	0.96			
		Sqm	2	0.6		0.28	0.34			
		Sqm	2	1.32		0.58	1.53			
		Sqm	2	0.66		0.52	0.69			
		Sqm	2	1.36	0.23		0.63			
		Sqm	2	1.44	0.43		1.24			
	West wall VIP	Sqm	2	5.15		0.8	8.24			
		Sqm	5	0.45		0.45	1.01			
	Gallery Staircase	Sqm	1	5		3.76	18.80			
		Sqm	1	2.1		7.4	15.54			
		Sqm	1	2.04		1.5	3.06			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Gallery Wall Middle	Sqm	2	6.5		1.2	15.60			
		Sqm	6	0.23		0.9	1.22			
	Columns Front	Sqm	4	2		2.6	20.80			
		Sqm	4	2.12		1.4	11.87			
	Column Back	Sqm	2	2.12		3.4	14.42			
		Sqm	2	2.12		2	8.48			
		Sqm	2	2.12		1	4.24			
		Sqm	2	2		1.04	4.16			
	Building Front	Sqm								
		Sqm	1	13.4		4.44	59.50			
		Sqm	1	11.83		3.2	37.86			
		Sqm	1	11.9		3.2	38.08			
	Deduction	Sqm								
	RS	Sqm	2	-1.93		2.2	-8.49			
	W	Sqm	8	-1.49		1.5	-17.88			
	W	Sqm	2	-1.5		1.4	-4.20			
	W	Sqm	2	-1.5		1.96	-5.88			
	MD	Sqm	1	-2		2.4	-4.80			
	VIP Building Backside Painting	Sqm								
	Side Wall	Sqm	2	1.27		2.9	7.37			
	Portico	Sqm	2	15.5		5.7	176.70			
		Sqm	2	8.33		3	49.98			
	Deduction for Building front Entrace	Sqm								
	V1	Sqm	8	-1.5		0.62	-7.44			
	V2	Sqm	4	-0.6		0.6	-1.44			
	W	Sqm	2	-1.5		1.87	-5.61			
	D	Sqm	1	-2		2.4	-4.80			
	V3	Sqm	8	-1.5		0.45	-5.40			
	Chejja Painting						0.00			
	top and Bottom	Sqm	16	1.97	0.57		17.97			
	Sides	Sqm	16	0.57		0.1	0.91			
	Portico Above									
		Sqm	2	4.5		4.2	37.80			
		Sqm	2	4.4		3.9	34.32			
		Sqm	2	4.4		3.1	27.28			
		Sqm	2	2.38		1.6	7.62			
		Sqm	2	0.55		2.5	2.75			
		Sqm	1	8.9		3.9	34.71			
	Extra Toilet outside Wall	Sqm	2	1.97		2.4	9.46			
	Deduction	Sqm								
	D	Sqm	1	-1.5		2.35	-3.53			
	D2	Sqm	1	-0.73		2.1	-1.53			
	Chejja									
	Top and Bottom	Sqm	2	12.9	0.3		7.74			
	sides	Sqm	1	13.5		0.1	1.35			
	Main Beam Below Gallery end	Sqm	2	13.5	1.2		32.40			
	Slab Bottom Gallery end	Sqm	2	15.5	1.45		44.95			
	Beam Below side Short beam	Sqm	6	1.02	0.9		5.51			
	Circular Coloum	Sqm	2	1.06		3.82	8.10			
		Sqm	4	1.06		3.17	13.44			
		Sqm	6	1.06		5.7	36.25			
	above Portico Toilet outer wall	Sqm								
	Outside	Sqm	2	2.1		3	12.60			
	Deduction	Sqm								
		Sqm	2	-0.9	0.6		-1.08			
	Portico Bottom						0.00			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Sqm	1	9.6	5.65		54.24			
		Sqm	2	3	3.2		19.20			
	Portico Beam	Sqm								
		Sqm	2	6		0.68	8.16			
		Sqm	2	6		0.3	3.60			
		Sqm	4	5.65		0.3	6.78			
		Sqm	1	13.6		0.68	9.25			
		Sqm	1	13.6		0.3	4.08			
		Sqm	2	9.6		0.3	5.76			
	Deduction	Sqm								
	Column	Sqm	-6	0.942		0.3	-1.70			
						Total Executed Quantity	**4377.25**			
						Now To be Paid Qty	**4377.25**	**194.40**	**850938.3**	
E4	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation.									
	Gate	Sqm	1	1.01		1.7	1.72			
	New Gate	Sqm	1	1.74		2.5	4.35			
	Behind VIP Gallery									
		Sqm	4	0.9		1.4	5.04			
						Total Executed Quantity	**11.11**	**3252.96**	**36130.63**	
								Sub total Amount With GST	**919002.3**	
	Electrical Works									
E5	Supplying and drawing Flexible Multicore Cable manufactured with electrolytic grade flexible copper with low conductor confirming to IS:8130-1984 and (Virgin) PVC insulation sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 3C X 1.5Sq.mm									
	For Flood Lights	mtrs	72	9			650.00			
						Total Executed Quantity	**650.00**	**55.00**	**35750.0**	
E6	Supplying PVC/GI flexible conduit pipe...mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely. 32mm									
		mtrs	250				**250.00**			
						Total Executed Quantity	**250.00**	**35.00**	**8750.0**	
E7	Wiring for lighting/power circuit using one of PVC insulated 1100V grade, stranded Aluminium wire single core in open or concealed system of wiring.10 sqmm									
	South Side Two Wheeler Parking Electrical Panel to south west corner	mtrs	2	112			224.00			
	Main VIP Entrance	mtrs	2	45			90.00			
	East side Entrance	mtrs	2	46			92.00			
	West side Entrance	mtrs	2	47			94.00			
						Total Executed Quantity	**500.00**	**17.00**	**8500.0**	
E8	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.95 sqmm Long Barrel									
		mtrs	1	32			32.00			
						Total Executed Quantity	**32.00**	**145.00**	**4640.0**	
E9	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.									
		Each	135				135.00			

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : Balance works to Hoysala stadium and construction of Samudaya Bhavana at judicial layout in ward no.04

Modified Estimation

Sl. NO	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
	Total Executed Quantity						**135.00**	**175.00**	**23625.0**	
	Sub total Amount With GST								**81265.0**	
E10	3x95+1x70+1x16 Sqmm Street light (Insulated messenger cum Neutral)									
		Mtrs		98			98.00			
	Total Executed Quantity						**98.00**	**435.62**	**42691.0**	
E11	Stringing of 11kV grade aerial bunched 3 core cable of XLPE insulation of size 3x95 Sqmm+1x70 Sqmm with bare/insulated messenger wire									
		Mtrs		98			98.00			
	Total Executed Quantity						**98.00**	**22.47**	**2202.0**	
E12	Hiring of Cranes 35 tonnes									
		Hrs	75				75.00			
	Total Executed Quantity						**75.00**	**474.88**	**35616.0**	
E13	Supply and Erection of LT MAZE SL HO 0.72W Blue Colour Strip Lighting									
		Mtrs	85				85.00			
	Total Executed Quantity						**85.00**	**3450.00**	**293250.0**	
E14	Fabrication,Supply and Erection of Face- ACP signage with projected Acrylic letter of 2.5" Lighting- signage LED module and IP66 & power supply With 6 KV surge protection,IP67. Frame-MS Frame of 1 Inch thick & GI sheet for back cover of 28 Guage side panel ACP of approxmate size 12x5 Feet.									
		Sq feet	120				120.00			
	Total Executed Quantity						**120.00**	**1750.00**	**210000.0**	
	Sub total Amount Without GST								**583758.9**	
	Total Amount With GST								**11456968.0**	
	Total Amount Without GST								**7250915.2**	
	Grant Total Amount Without GST								**18707883.2**	
	12% GST								**1374836.2**	
	Grand Total Amount With 12% GST								**20082719**	

Assistant Engineer 15/09/2020
BBMP

T.N. Reddy
JE (Elec)

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Technical Sanction
Accorded For Rs 20082719/—
Head of A/C. 23550
CER NO : 28 Dt: 15.09.2020
AA of CE (YNK)